

Federal NOTAM System – NOTAM Distribution Service (FNS-NDS) Beta Test

Invitation Letter

March 28, 2013

Dear Participant,

Thank you for your interest in the modernization of the United States Notice to Airmen (NOTAM) System, specifically the digital NOTAM effort. The Federal Aviation Administration's (FAA's) modernized NOTAM system, the Federal NOTAM System (FNS) has been focused on the origination of digital NOTAMs for the highest producing NOTAM stakeholders. In order to complete the link to the end users of the NOTAM information and distribute this valuable digital NOTAM information to the aviation community, the FNS will be providing a Beta test period for the FNS NOTAM Distribution Service (FNS-NDS), the web service for digital NOTAMs.

Your previous interest in the FNS-NDS has identified you as a possible participant in this Beta test, which is described below. We hope that you will find this to be a valuable opportunity to provide feedback that will support the use of the FNS-NDS within the aviation community and join us as a participant.

FNS-NDS Beta Test Objectives

One objective of the FNS-NDS Beta test is to engage with end users of the FNS-NDS web service to ensure that the web service meets end user needs in a test environment prior to provision of the web service for operational use. Another objective is to engage a cross-section of end users as part of the group of Beta test participants. This will include participants from airlines, services providers, and government agencies. A third objective is to provide support for the SAE G-10A Aerospace Recommended Practice 6467 on the human factors recommendations for the display of NOTAMs in the cockpit via data link.

Results of the FNS-NDS Beta test, including user experiences, feedback, and demonstrations, are planned to be presented at the 2013 Air Transportation Information Exchange Conference (ATIEC).

FNS-NDS Beta Test Scope

The scope of the FNS-NDS Beta test will be for participants to provide feedback on the FNS-NDS web service in a test environment only, with no authorization for use of the provided information for operational purposes. All potential participants who are interested in participating must sign the FNS-NDS Beta test Agreement with the FAA before they can access the test environment.

FNS-NDS Beta Test Schedule

The FNS-NDS Beta test is expected to run through Spring and Summer 2013, following the proposed schedule:

- April – July 2013: FNS-NDS Beta test Participant Testing and Submission of Feedback
- Early August: FNS Team Review of FNS-NDS Beta Test Feedback
- Mid August: FNS-NDS Beta test Feedback Review Meeting
- August - October: FNS Team Address Feedback
- Late August: Present the beta test at the ATIE Conference
- Fall 2013: FNS-NDS available for operational use

FNS-NDS Beta Test Expectations

The expectations of the FNS-NDS Beta test participants will include:

- Feedback on the FNS-NDS web service, including bugs, technical issues, performance issues, etc.
- Feedback on and validation of the web service documentation (WSDL, WSDD)
- Feedback on the digital NOTAM event scenarios, including the use of AIXM, the documentation, etc.
- Feedback on the digital NOTAM geometries, including the value of the information, the standards used, and industry expectations
- Feedback on the development processes, lessons learned and any validation or verification testing which involves human in the loop testing
- An overview on how the digital NOTAM web service was used in their testing
- Examples of their testing product, as applicable (demos, slides, etc.)

The expectation of the FNS team during the FNS-NDS Beta test includes:

- Access to the FNS-NDS test web service and all associated documentation
- Access to sample NOTAMs that offer a realistic simulation of the live environment
- Prompt response to questions submitted by participants
- Review of the feedback submitted by participants
- Facilitation of a FNS-NDS Beta test participant feedback review meeting
- Input to SAE G-10A ARP 6467

Additional information on the FNS-NDS Beta test will be available on <http://notamdemo.aim.nas.faa.gov/ndshome/> beginning on April 1st, 2013. We look forward to your participation and valuable feedback in contributing to the distribution of digital NOTAMs.

Best regards,

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